

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| S1 | 1 | ("5539072").PN. | USPAT; USOCR | OR | OFF | 2005/01/13 15:13 |
| S2 | 31 | ("3384627" "3645990" "3818074" "3940359" "4566981" "4668726" "4722904" "4864006" "4914146" "4975468" "4985282" "5077097" "5151217" "5234151" "5234807").PN. OR ("5539072").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/13 15:51 |
| S3 | 5 | sulf\$5 adj aromatic adj polymer\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/13 15:54 |
| S4 | 109 | sulf\$5 near aromatic adj polymer\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/13 16:15 |
| S5 | 846 | sulf\$5 near aromatic and polymer and laminate | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/13 16:19 |
| S6 | 1 | "3895091".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/13 16:16 |
| S8 | 24 | ("3354129" "3365431" "3519606" "3524835" "3539676" "3562199").PN. OR ("3895091").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/13 16:17 |
| S9 | 0 | S8 and S5 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/13 16:17 |
| S10 | 22 | S5 and moisture adj vapor | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/13 16:18 |
| S11 | 13 | sulf\$5 near aromatic near polymer and laminate | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 14:22 |
| S12 | 22 | (polysulfone\$2 polyethersulfone\$2) near laminate | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/13 16:36 |
| S13 | 5363 | ((polysulfone\$2 polyethersulfone\$2) and laminate) not S12 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/13 16:36 |
| S14 | 12 | ("3895091").URPN. | USPAT | OR | OFF | 2005/01/14 10:05 |
| S15 | 1 | ("5690873").PN. | USPAT; USOCR | OR | OFF | 2005/01/14 10:21 |

| | | | | | | |
|-----|--------|---|--|----|-----|---------------------|
| S16 | 50 | ("6395383" "5843328" "5391426" "5182163" "5527562" "6174405" "6265016" "5273814" "5491022" "5576062" "4872220" "5264276" "4426422" "6277553" "6297000" "6342343" "6350561" "6352819" "6352820" "6368782" "6379880" "6395466" "6395844" "6420102" "6423487" "6432624" "6432627" "6468726" "6468730" "6472138" "4153745" "5705283" "4513047" "5863909" "6262149" "6294186" "6358911" "6419858" "6433073" "5240979" "5352454" "6448458" "5382495" "5190806" "6458230" "5221572" "5761367" "5417744" "6039694" "6113813").pn. | USPAT | OR | OFF | 2005/01/14 10:30 |
| S17 | 507 | pps and laminate | USPAT | OR | OFF | 2005/01/14 10:31 |
| S18 | 16 | S17 and crosslink | USPAT | OR | OFF | 2005/01/14 10:34 |
| S19 | 2 | S17 not S18 and polyaramid | USPAT | OR | OFF | 2005/01/14 10:38 |
| S20 | 149637 | S17 not S18 not S19 fabric | USPAT | OR | OFF | 2005/01/14 10:39 |
| S21 | 156 | S17 not S18 not S19 and fabric | USPAT | OR | OFF | 2005/01/14 10:39 |
| S22 | 80 | tohpre | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 12:07 |
| S23 | 3 | S22 and laminate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 12:08 |
| S24 | 3 | S22 and fabric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 12:11 |

| | | | | | | |
|-----|-------|---|---------------------------|----|-----|---------------------|
| S25 | 20 | ("3953566" "4194041" "4515761" "4518650" "4634530" "4682730" "4824916" "4828699" "5013765" "5024594" "5362836" "5391426" "5403675" "5824405" "6087031" "6118218" "6395383" "6451921" "6509441" "6579948"). PN. | USPAT; USOCR | OR | OFF | 2005/01/14 15:05 |
| S26 | 8 | athayde.in. | USPAT; USOCR | OR | OFF | 2005/01/14 15:05 |
| S27 | 9 | ("4039440" "4510193" "4943475" "5024594" "5391426" "5740551" "5743775" "5824405"). PN. OR ("6395383"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/14 15:43 |
| S28 | 9 | ("4039440" "4510193" "4943475" "5024594" "5391426" "5740551" "5743775" "5824405"). PN. OR ("6395383"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/14 15:47 |
| S29 | 2 | ((("4187390") or ("3963566")).PN. | USPAT; USOCR | OR | OFF | 2005/01/31 13:23 |
| S30 | 1 | ("5618334").PN. | USPAT; USOCR | OR | OFF | 2005/01/31 13:34 |
| S31 | 1 | ("5824405").PN. | USPAT; USOCR | OR | OFF | 2005/01/31 13:35 |
| S32 | 14765 | polyamide and polyimide | USPAT | OR | OFF | 2005/01/31 13:35 |
| S33 | 315 | S32 and protective and membrane | USPAT | OR | OFF | 2005/01/31 13:36 |
| S34 | 263 | S33 and water | USPAT | OR | OFF | 2005/01/31 13:37 |
| S35 | 8 | S34 and (clothing garment) and crosslink | USPAT | OR | OFF | 2005/01/31 13:37 |
| S36 | 1 | ("5618334").PN. | USPAT; USOCR | OR | OFF | 2005/01/31 14:04 |

| | | | | | | |
|-----|------|--|---------------------------|----|-----|---------------------|
| S37 | 24 | ("3953566" "4194041" "4239678" "4515761" "4518650" "4634530" "4682730" "4824916" "4828699" "4943475" "5013765" "5024594" "5362836" "5391426" "5403675" "5618334" "5743775" "5824405" "6087031" "6118218" "6395383" "6451921" "6509441" "6579948"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/10 16:58 |
| S38 | 9 | jain-mukesh.in. wu-huey. in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/10 16:59 |
| S39 | 18 | jain near mukesh | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/10 17:00 |
| S40 | 804 | gore.in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/10 17:00 |
| S41 | 846 | gore.as. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/10 17:00 |
| S42 | 68 | S41 and aromatic | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/10 17:02 |
| S43 | 652 | 442/59.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/10 17:02 |
| S44 | 131 | S43 and aromatic | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/10 17:02 |
| S45 | 106 | S44 and polymer | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/10 17:03 |
| S46 | 66 | S45 and sulf\$5 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/10 17:03 |
| S47 | 1 | ("5,733,625").PN. | USPAT; USOCR | OR | OFF | 2006/05/10 13:34 |
| S48 | 9608 | (sulfonat\$3 sulphonat\$4) near3 (aromatic polyarylsulfone polycarbonate polyaryl\$4 polyimide polysulfone) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 15:01 |
| S49 | 913 | S48 and (nonwoven non- woven non adj woven unwoven woven knit\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 15:02 |
| S50 | 610 | S49 and (protect\$3 resistant retard\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 15:32 |
| S51 | 292 | S50 and (cross-link\$4 crosslink\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 15:01 |

| | | | | | | |
|-----|-----|--|---|----|-----|---------------------|
| S52 | 458 | (sulfonat\$3 sulphonat\$4) near3 (aromatic polyarylsulfone polycarbonate polyaryl\$4 polyimide polysulfone) same (crosslink\$4 cross- link\$4 cross adj link\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 16:24 |
| S53 | 77 | S52 and (nonwoven non- woven non adj woven unwoven woven knit\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 15:08 |
| S54 | 59 | S53 and (protect\$3 resistant retard\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 15:33 |
| S55 | 192 | (sulfonat\$3 sulphonat\$4) near3 (aromatic polyarylsulfone polycarbonate polyaryl\$4 polyimide polysulfone) with (crosslink\$4 cross-link \$4 cross adj link\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 16:24 |
| S56 | 63 | jain near mukesh wu near huey | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 20:27 |
| S57 | 17 | S56 and (nonwoven non- woven non adj woven woven kint\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 20:34 |
| S58 | 17 | S56 and (nonwoven non- woven non adj woven woven knit\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 20:27 |
| S59 | 862 | gore.as. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 20:34 |
| S60 | 11 | S59 and (nonwoven non- woven non adj woven woven knit\$4) and sulfonate\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/10 20:42 |
| S61 | 1 | ("4453991").PN. | USPAT; USOCR | OR | OFF | 2006/05/10 20:42 |
| S62 | 940 | acid adj equivalent adj weight | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 10:43 |
| S63 | 53 | sulfonic adj acid adj equivalent adj weight | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 10:44 |

| | | | | | | |
|-----|-----|---|---|----|-----|---------------------|
| S64 | 41 | sulfonic adj acid adj equivalent adj weight and aromatic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 10:45 |
| S65 | 118 | "4,592,940" | USPAT | OR | OFF | 2007/10/18 11:04 |
| S66 | 306 | sulfonic adj acid with (equivalent adj weight) and aromatic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 11:24 |
| S67 | 43 | sulfonic adj acid with (equivalent adj weight) and aromatic and (permeable permeability breathable) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 11:25 |
| S68 | 36 | S67 not S64 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 11:25 |
| S69 | 7 | S67 and S64 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 11:26 |
| S70 | 171 | (sulfonat\$3 sulphonat\$4) near3 (amine polyamine) same (crosslink\$4 cross- link\$4 cross adj link\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 16:45 |
| S71 | 165 | (sulfonat\$3 sulphonat\$4) near3 (amine polyamine) same (crosslink\$4 cross- link\$4 cross adj link\$4) and water | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 16:45 |
| S72 | 26 | (sulfonat\$3 sulphonat\$4) near3 (amine polyamine) same (crosslink\$4 cross- link\$4 cross adj link\$4) and water and (permeabil \$4 breath\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 16:46 |
| S73 | 168 | aromatic with (sulfonat\$3 sulphonat\$4) with (amine polyamine) and (crosslink \$4 cross-link\$4 cross adj link\$4) and water and (permeabil\$4 breath\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 16:50 |

| | | | | | | |
|-----|--------|---|---------------------------|----|----|---------------------|
| S74 | 38 | aromatic with (sulfonat\$3 sulphonat\$4) with (amine polyamine) and (crosslink \$4 cross-link\$4 cross adj link\$4) and water with (permeabil\$4 breath\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 16:51 |
| S75 | 862 | aromatic with (sulfonat\$3 sulphonat\$4) with (amine polyamine) and (crosslink \$4 cross-link\$4 cross adj link\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 16:59 |
| S76 | 29 | aromatic same (sulfonat \$3 sulphonat\$4) near3 (amine polyamine) same (crosslink\$4 cross-link\$4 cross adj link\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:00 |
| S77 | 2 | aromatic same (sulfonat \$3 sulphonat\$4) near3 (amine polyamine) same (permeabilit\$3 breathabilit \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:07 |
| S78 | 55 | aromatic same (sulfonat \$3 sulphonat\$4) near3 (amine polyamine) and (permeabilit\$3 breathabilit \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:07 |
| S79 | 100727 | S78 nto S77 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:07 |
| S80 | 53 | S78 not S77 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:07 |
| S81 | 0 | Aromatic adj sulfonamines | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:14 |
| S82 | 0 | Aromatic adj sulfonamine | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:14 |
| S83 | 865 | Aromatic adj sulfonamide | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:14 |
| S84 | 24 | ("3953566" "4194041" "4239678" "4515761" "4518650" "4634530" "4682730" "4824916" "4828699" "4943475" "5013765" "5024594" "5362836" "5391426" "5403675" "5618334" "5743775" "5824405" "6087031" "6118218" "6395383" "6451921" "6509441" "6579948"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:17 |

| | | | | | | |
|-----|------|---|---|----|----|---------------------|
| S85 | 13 | ("3953566" "4194041" "4239678" "4515761" "4518650" "4634530" "4682730" "4824916" "4828699" "4943475" "5013765" "5024594" "5362836" "5391426" "5403675" "5618334" "5743775" "5824405" "6087031" "6118218" "6395383" "6451921" "6509441" "6579948"). PN. and aromatic | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:17 |
| S86 | 5822 | (sulfonat\$3 sulphonat\$4) near3 (amine polyamine) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:27 |
| S87 | 1062 | (sulfonat\$3 sulphonat\$4) adj (amine polyamine) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:27 |
| S88 | 76 | (sulfonat\$3 sulphonat\$4) adj (amine polyamine) with aromatic | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:28 |
| S89 | 209 | (sulfonat\$3 sulphonat\$4) adj (amine polyamine) same aromatic | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:32 |
| S90 | 133 | S89 not S88 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:32 |
| S91 | 9694 | (sulfonat\$3 sulphonat\$4) near3 (aromatic) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 17:39 |
| S92 | 84 | S91 and sulfonic adj acid with (equivalent adj weight) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 17:40 |
| S93 | 25 | (amine polyamine) with sulfonic adj acid with (equivalent adj weight) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 18:03 |
| S94 | 52 | gustav with grot | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 18:09 |
| S95 | 41 | gustav with grot and ion adj exchange | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 18:10 |

| | | | | | | |
|------|------|---|---|----|-----|---------------------|
| S96 | 0 | gustav with grot and ion adj exchange and aromatic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 18:10 |
| S97 | 24 | S91 and sulfonic adj acid adj (equivalent adj weight) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 18:12 |
| S98 | 24 | S91 and sulfonic adj acid adj (equivalent adj weight) and aromatic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 18:12 |
| S99 | 8236 | aromatic near2 (sulfonat \$3 sulphonat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 18:23 |
| S100 | 22 | S99 and sulfonic adj acid adj (equivalent adj weight) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/18 18:23 |
| S101 | 4 | ((("5013765") or ("5362836") or ("5403675") or ("6509441")).PN. | USPAT; USOCR | OR | OFF | 2007/10/18 18:28 |
| S102 | 1 | ("5539072").PN. | USPAT; USOCR | OR | OFF | 2007/10/18 18:38 |
| S103 | 413 | aromatic near2 (sulfonat \$3 sulphonat\$4) and (sulfonat\$3 sulphonat\$4) near2 (polyamine amine) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 18:45 |
| S104 | 3 | aromatic near2 (sulfonat \$3 sulphonat\$4) and (sulfonat\$3 sulphonat\$4) near2 (polyamine amine) with (coating layer film) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 18:54 |
| S105 | 34 | aromatic near2 (sulfonat \$3 sulphonat\$4) and (sulfonat\$3 sulphonat\$4) near2 (polyamine amine) same (coating layer film) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 18:55 |
| S106 | 4 | sulfonated with (polyamine amine) with aromatic and (chemical \$3) adj (barrier resistant retardant) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 19:03 |

| | | | | | | |
|------|-------|---|---|----|-----|---------------------|
| S107 | 12 | sulfonated with aromatic same (polyamine amine) and (chemical\$3) adj (barrier resistant retardant) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/18 19:04 |
| S108 | 40768 | "428"/\$.ccls. and aromatic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 15:09 |
| S109 | 2754 | "428"/\$.ccls. and aromatic same (barrier protecti\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 15:10 |
| S110 | 59 | "428"/\$.ccls. and (sulfonated sulfuric sulf \$4) near3 aromatic same (barrier protecti\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 15:11 |
| S111 | 306 | aromatic and sulfonic adj acid with (equivalent adj weight) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 16:17 |
| S112 | 65 | aromatic same sulfonic adj acid with (equivalent adj weight) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 16:17 |
| S113 | 241 | S111 not S112 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/22 16:27 |
| S114 | 3 | "6608167" | USPAT | OR | OFF | 2007/10/23 15:01 |
| S115 | 409 | pps with units | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/07 16:59 |

| | | | | | | |
|------|------|--|---|----|-----|---------------------|
| S116 | 13 | pps with units with (sulfone ketone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/07 17:00 |
| S117 | 95 | pps with units with (sulfone ketone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 17:00 |
| S118 | 15 | pps with units with (sulfone ketone) and (barrier protect\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 17:01 |
| S119 | 14 | pps with units with (polyether adj sulfone polyether adj ketone biphenyl adj sulfone polyphthalazinone adj ether adj ketone polybenzimidazole polyphenylene adj oxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 17:33 |
| S120 | 1820 | "pps" with (polyether adj sulfone polyether adj ketone biphenyl adj sulfone polyphthalazinone adj ether adj ketone polybenzimidazole polyphenylene adj oxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 17:35 |
| S121 | 80 | "pps" with (polyether adj sulfone polyether adj ketone biphenyl adj sulfone polyphthalazinone adj ether adj ketone polybenzimidazole polyphenylene adj oxide) same (protect\$4 barrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 17:36 |
| S122 | 758 | "pps" with (polyether adj sulfone sulfonated adj (polyether adj ketone biphenyl adj sulfone polyphthalazinone adj ether adj ketone polybenzimidazole polyphenylene adj oxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 17:39 |

| | | | | | | |
|------|-----|--|---|----|----|---------------------|
| S123 | 36 | "pps" with (polyether adj sulfone sulfonated adj (polyether adj ketone biphenyl adj sulfone polyphthalazinone adj ether adj ketone polybenzimidazole polyphenylene adj oxide)) same (protect\$4 barrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 17:40 |
| S124 | 358 | "pps" with (polyether adj sulfone sulfonated adj (polyether adj ketone biphenyl adj sulfone polyphthalazinone adj ether adj ketone polybenzimidazole polyphenylene adj oxide)) and (protect\$4 barrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 17:42 |
| S125 | 322 | S124 not S123 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 17:42 |
| S126 | 143 | S125 and (vapor breathable breath) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 17:43 |
| S127 | 747 | "pps" with (polyether adj sulfone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 17:54 |
| S128 | 349 | S127 and (protect\$4 barrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 17:54 |
| S129 | 1 | S127 and (protect\$4 barrier) and (garment clothing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 18:01 |
| S130 | 5 | S127 and (garment clothing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 18:04 |

| | | | | | | |
|------|------|--|---|----|-----|---------------------|
| S131 | 5 | "pps" with (polyether adj sulfone sulfonated adj (polyether adj ketone biphenyl adj sulfone polyphthalazinone adj ether adj ketone polybenzimidazole polyphenylene adj oxide)) and (garment clothing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 18:06 |
| S132 | 0 | "pps" with (polyether adj sulfone sulfonated adj (polyether adj ketone biphenyl adj sulfone polyphthalazinone adj ether adj ketone polybenzimidazole polyphenylene adj oxide)) and gore.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 18:12 |
| S133 | 4411 | gore.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 18:13 |
| S134 | 747 | "pps" with (polyether adj sulfone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 18:18 |
| S135 | 209 | "pps" with (polyether adj sulfone) same (film coat \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 18:20 |
| S136 | 49 | ((("20020164513") or ("20020172850") or ("20030038074") or ("20030044669") or ("20040048749") or ("20040151844") or ("20040259446") or ("20050249917") or ("20060280906") or ("3886066") or ("4245700") or ("4319008") or ("4409339") or ("4508852") or ("4510998") or ("4582782") or ("4824916") or ("4882148") or ("4895660") or | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/11/08 14:18 |

| | | | | | | |
|------|------|---|---|----|-----|---------------------|
| | | ("4990252") or ("5067971") or ("5180750") or ("5364454") or ("5425995") or ("5807919") or ("5843328") or ("5863909") or ("5906716") or ("6026968") or ("6214891") or ("6214891") or ("6248469") or ("6262149") or ("6291415") or ("6294186") or ("6322595") or ("6358911") or ("6379780") or ("6399557") or ("6419858") or ("6433073") or ("6451505") or ("6451921") or ("6458230") or ("6540915") or ("6913696") or ("6926984") or ("6933068") or ("7052793") or ("7163721")) .PN. | | | | |
| S137 | 1 | "20050208203" | US-PGPUB | OR | OFF | 2007/11/09 14:15 |
| S138 | 1638 | fire adj protection | US-PGPUB | OR | OFF | 2007/11/09 14:18 |
| S139 | 5 | (gore.as. and mukesh near2 jain huey near2 wu) and sulfonate\$ near2 aromatic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/15 17:10 |
| S140 | 0 | "6451921" and chloroethyl | USPAT | OR | ON | 2010/01/22 16:11 |
| S141 | 4 | "6451921" and permeation | USPAT | OR | ON | 2010/01/22 16:11 |

EAST Search History (I nterference)

< This search history is empty>

1/ 25/ 2010 12:33:15 PM**C:\ Documents and Settings\ mmatzek\ My Documents\ EAST\ Workspaces\ 10601085.wsp**